

AMENDMENTS TO THE CLAIMS

Claims 1-36 (Cancelled)

37. (Previously Presented) A process for treating a disease in a mammalian subject comprising: a) obtaining cells from said subject; b) treating said cells with an effective amount of an intermediary metabolite or a reagent that increases the intracellular level of a mammalian intermediary metabolite in said cells; and c) transferring said treated cells to said subject, wherein said intermediary metabolite or reagent is a glycolipid, and wherein said disease is cancer, a viral infection, or an autoimmune disease.

38-39. (Cancelled)

40. (Previously Presented) The process of claim 37, wherein said glycolipid comprises a monosaccharide ceramide.

41. (Currently Amended) The process of claim 40, wherein said monosaccharide ceramide comprises a glucosyl ceramide ~~and~~ or a galactosyl ceramide.

42. (Original) The process of claim 37, wherein said transferring step is carried out by intravenous means.

43-44. (Cancelled)

45. (Currently Amended) The process of claim 37, wherein said disease is a viral infection comprisinging[[es]] HBV, HCV or HIV.

46. (Withdrawn/Currently Amended) The process of claim 37, wherein said disease is an autoimmune disease comprisinging[[es]] diabetes type I, diabetes type II, rheumatoid

Yaron Ilan et al.

Serial No.: 10/773,686

Filed: December 10, 2003

Page 3 Amendment and Reply To June 22, 2010 Office Action

arthritis, Crohn's disease, arteriosclerosis and ulcerative colitis.

47. (Previously Presented) The process of claim 37, wherein said reagent increases the rate of production of said glycolipid in said subject.

48. (Previously Presented) The process of claim 37, wherein reagent decreases the rate of degradation or turnover of said glycolipid in said subject.

49. (Currently Amended) The process of claim 37, wherein cells obtained from said subject comprise peripheral blood monocytes (PBMCs), dendritic cells, T cells, stem cells, NK cells, NKT cells and/or CD1d cells.

Claims 50-62 (Cancelled).

63. (Currently Amended) The process of claim 40, wherein the disease~~viral infection~~ is an HCV infection.

64. (Currently Amended) The process of claim 41, wherein the disease~~viral infection~~ is an HCV infection.